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(54) **METHOD FOR CONTROLLING ENERGY DELIVERY AS A FUNCTION OF DEGREE OF COUPLING**

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This patent is subject to a terminal disclaimer.

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See application file for complete search history.

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(57) **ABSTRACT**

A method for delivering energy as a function of degree coupling may utilize an external unit configured for location external to a body of a subject and at least one processor associated with the implant unit and configured for electrical communication with a power source. The method may determine a degree of coupling between the primary antenna and a secondary antenna associated with the implant unit, and regulate delivery of power to the implant unit based on the degree of coupling between the primary antenna and the secondary antenna.

10 Claims, 17 Drawing Sheets